CONTENTS OF VOLUME II

The Relation between Stability and Homogeneity . . . 1

By L. v. Bortkiewicz

Bayes' Theorem 23

By E. C. Molina

On Certain Properties of Frequency Distributions Obtained by a Linear Fractional Transformation of the Variates of a Given Distribution 38

By H. L. Rietz

On Small Samples from Certain Non-Normal Universes . 48

By Paul R. Rider

An Empirical Determination of the Distribution of Means, Standard Deviations, and Correlation Coefficients Drawn from Rectangular Populations 66

By Hilda Frost Dunlap

The Interdependence of Sampling and Frequency Distribution Theory 82

Editorial

Note on the Distribution of Means or Samples of **N** Drawn from a Type A Population 99

By Cecil C. Craig

On Symmetric Functions and Symmetric Functions of Symmetric Functions 102

By A. L. O'Toole

Fundamental Formulas for the Doolittle Method, Using Zero-order Correlation Coefficients 150

By Harold D. Griffin

On a Property of the Semi-invariants of Thiele 154

By Cecil C. Craig

CONTENTS OF VOLUME II—Continued

The Theory of Observations 165
By T. N. Thiele

Correction for the Moments of a Frequency Distribution in Two Variables 309
By William Dowell Baten

The Standard Error of a Multiple Regression Equation . . 320
By John Rice Miner

Sampling in the Case of Correlated Observations . . . 324
By Cecil C. Craig

The Relation between the Means and Variances, Means Squared and Variances in Samples from Combinations of Normal Populations 333
By G. A. Baker

A Table to Facilitate the Fitting of Certain Logistic Curves 355
By Joshua L. Bailey, Jr.

The Generalization of Student's Ratio 360
By Harold Hotelling

Systems of Polynomials Connected with the Charlier Expansions and the Pearson Differential and Difference Equations 379
By Emanuel Henry Hildebrandt

A New Formula for Predicting the Shrinkage of the Coefficient of Multiple Correlation 440
By R. J. Wherry

The Use of the Relative Residual in the Application of the Method of Least Squares 458
By Walter A. Hendricks